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ABSTRACT

Text, illustrations, and exercises are used in these two learning modules to familiarize allied health students with the use of periodical indexes and the Library of Congress (LC) subject headings. The first module identifies the purpose of periodical indexes, distinguishes between indexes to periodical magazines and scholarly journals, reviews the parts of an index citation, and requires the student to find three articles on a specific health topic in one or more appropriate periodical indexes. The second module teaches the student to conduct subject searches with LC subject headings. This module describes the main subject heading, LC classification numbers which accompany the headings, "see" references, "see also" references, subheadings, and other syndetic features of the LC headings. Each of the modules provides reinforcement exercises with immediate feedback and concludes with a post-test and answer sheet. The first module requires 20 minutes and the second 30 minutes to complete. (JP)

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HEALTH INSTRUCTION PACKAGES

Library Research in Health and Nursing

Journal Articles

and

Using the Library of Congress Subject Headings

Modules prepared by

Terry Ann Forster

HEALTH INFORMATION EXCHANGE

A Project of the League for Innovation in the Community College

JC 810 310

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A PROJECT OF THE LEAGUE FOR INNOVATION IN THE COMMUNITY COLLEGE

LIBRARY RESEARCH IN HEALTH AND NURSING:

JOURNAL ARTICLES

by

TERRY ANN FORSTER

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TITLE OF PACKAGE:	Library Research in Health and Nursing: Journal Articles
AUTHOR:	Terry Ann Forster
INSTITUTION:	Lane Community College
INTENDED STUDENTS:	Nursing
ESTIMATED WORKING TIME:	20 Minutes
MATERIALS NEEDED:	Reader's Guide to Periodical Literature; Cumulative Index to Nursing Literature; Index to Dental Literature; Abridged Index Medicus.
REVISED:	May 23, 1977

NOTE: To be effective, this unit must be used in the reference section of the library. The student will need access to these materials: Reader's Guide to Periodical Literature; Cumulative Index to Nursing Literature; Index to Dental Literature: Abridged Index Medicus.

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INTRODUCTION

If you are going to have a health related career one day, you are likely to want current information on a disease, a health fad or on a type of patient care. The most current information on any subject can usually be found in journals, since they are published so frequently and are filled with up-to-date material.

In this unit you will learn the best way to locate journal articles in the area of health. You will learn what a periodical index is and how to use one; and by using some specific indexes that deal with health and medicine journals you will make a short list of articles on a specific subject.

Knowing how to use the periodical indexes can save you from a great deal of frustration!

OBJECTIVES OF UNIT

Overall Objective

You will use periodical indexes to make a list of journal articles on a health related subject.

Sub-Objectives

1. Identify the purpose of periodical indexes.
2. Name two indexes that carry citations to articles in the health field.
3. Distinguish between indexes to popular magazines and scholarly journals.
4. Identify the component parts of a citation.
5. Find and list three articles on a given subject by using at least two of these indexes: Reader's Guide to Periodical Literature, Cumulative Index to Nursing Literature, Index to Dental Literature, and Abridged Index Medicus.

Magazine or journal articles are a major source of information on many topics. Periodical indexes list articles from journals in alphabetical order by subject, then by title, and sometimes by author.

Practice Question # 1

Where would you look to find journal articles on a particular subject? Select the best answer.

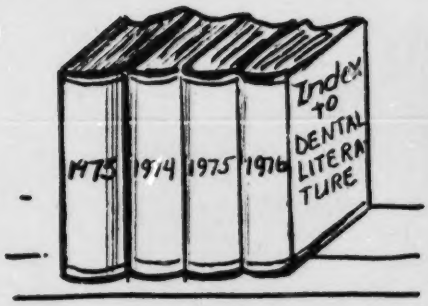
___ a. the card catalog

___ b. a periodical index

___ c. an encyclopedia

___ d. the pamphlet file

If you marked b., you are correct.



Nearly all periodical indexes work the same way. Examine a volume of these four indexes:

Reader's Guide to Periodical Literature
Cumulative Index to Nursing Literature
Index to Dental Literature
Abridged Index Medicus

Note the titles and remember them.

Each bound volume covers a one-year period and indexes journal articles by subject and author. In the beginning of each volume there is a list of all the periodicals that particular index covers as well as lists of abbreviations used throughout the index. Notice that Reader's Guide covers general popular magazines on many subjects, while the others are limited to medical, dental and health journals.

Practice Question # 2

a) Where would you find an index to articles in the health field that anyone could understand?

_____

b) Where would you look for a list of more specialized articles?

_____

The answer to the first question is the Reader's Guide. Any of the other indexes are right for the second question.

c) Look at the indexes again and try to remember their titles. Can you list two of the titles without looking?

1) _____

2) _____

If you can name two indexes, you are doing well. If not, examine all four indexes again until you feel familiar with them.

Imagine you are writing a paper on ANXIETY. To find information look in the 1975 volume of the Cumulative Index to Nursing Literature, under the heading ANXIETY. You will find several articles listed.

Each listing is a citation. The form of the citation may vary from one index to another. But the information will always appear in the same order.

Look at the sample citation below.

author

title → Curbing anxiety (Rhodes EJ)

name of journal → CHILDREN TODAY 23. 41-4. ← pages

date → Jan 76

volume number

Although the information in the citation may look a little different in each index, remember it always appears in the same order:

1. Title
2. Author's name (if there is one)
3. Name of journal
4. Volume number
5. Pages
6. Date of journal

Practice Question #3

Identify the parts of this citation, taken from the Cumulative Index to Nursing Literature:

VEGETARIANISM
Making vegetarian diets nutritious (Williams ER)
AM J NURS 75:2168-73, Dec 75

a. Title _____
b. Author _____
c. Name of journal _____
d. Volume number and date of journal _____
e. Page on which the article begins _____

If you had any trouble with these questions, go back to the diagram above and check the order of the parts of the citation.

When you are researching any topic you will want to use several sources. First you should choose the indexes that will best suit your needs. Then check through each volume of these indexes until you have enough sources.

Practice Question # 4

Ask another student to suggest a topic related to health or medicine. Find at least three articles on this topic in one or more of the indexes. Make a list of these three articles, giving the name of the index you used and the complete citation. Go back and look at earlier exercises if you need to.

1) _____

_____

2) _____

_____

3) _____

_____

To see how you have done, ask yourself these questions:

Did I find three citations?
Did I write down all the information from each citation?

If your answer was YES to both questions, you are ready for the post-test. If you answered NO to either question, see the librarian before trying the post-test.

POST-TEST

1. For what purpose would you use a periodical index? Select the best answer.

   ___ a. to find a list of books

   ___ b. to locate pamphlets

   ___ c. to find a list of articles from journals

   ___ d. to look up the definition of a word

2. Name two indexes that list articles about health.

   a. _____

   b. _____

3. Which index would you use to find articles for the layman?

   a. _____

   Which one would you use to find articles for a nurse?

   b. _____

4. Name the parts of the following citation:

   The smallpox contingency. NURS MIRROR
   141:41-2, Nov 27 75

   a. title _____

   b. name of journal _____

   c. volume number and date of journal _____

   d. page on which the article begins _____

5. Using at least two indexes, make a list of three articles on one of the following subjects. Give the name of the index you used, and then the title of the article, name of the journal it appeared in, and the date of the journal.

Subjects:		
	INSULIN	FLUORIDE
	BREAST FEEDING	VARICOSE VEINS
	DEPRESSION	GLUCOSE
	STREP THROAT	PROSTHESIS

a. Name of index _____
   Title of article _____
   Name of journal _____
   Date of journal _____

b. Name of index _____
   Title of article _____
   Name of journal _____
   Date of journal _____

c. Name of index _____
   Title of article _____
   Name of journal _____
   Date of journal _____

Please answer these two additional questions about this unit.

6. Has this unit helped you?

7. This package could be improved by _____

_____

_____

POST-TEST

ANSWER KEY

1. c.

2. Any two of these four: Reader's Guide to Periodical Literature
   Cumulative Index to Nursing Literature
   Index to Dental Literature
   Abridged Index Medicus

3. a. Reader's Guide

   b. Any of the other three from the above list

4. a. The smallpox contingency
   b. Nursing Mirror
   c. Vol. 141, Nov. 27, 1975
   d. P. 41

5. Answer will vary but there should be three articles listed and each line should be filled in.

6. The author hopes you answered "Yes".

7. Your suggestions for improvement will be used in revising the unit.

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LIBRARY RESEARCH IN THE HEALTH AREA:

USING THE LIBRARY OF CONGRESS SUBJECT HEADINGS

By

Terry Ann Forster

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TITLE:	Library Research in the Health Area: Using the Library of Congress Subject Headings
AUTHOR:	Terry Ann Forster
INSTITUTION:	Lane Community College
INTENDED STUDENTS:	Allied health
ESTIMATED WORKING TIME:	30 minutes
MATERIALS NEEDED:	Library of Congress Subject Headings Volumes I & II

FIELD TEST COPY

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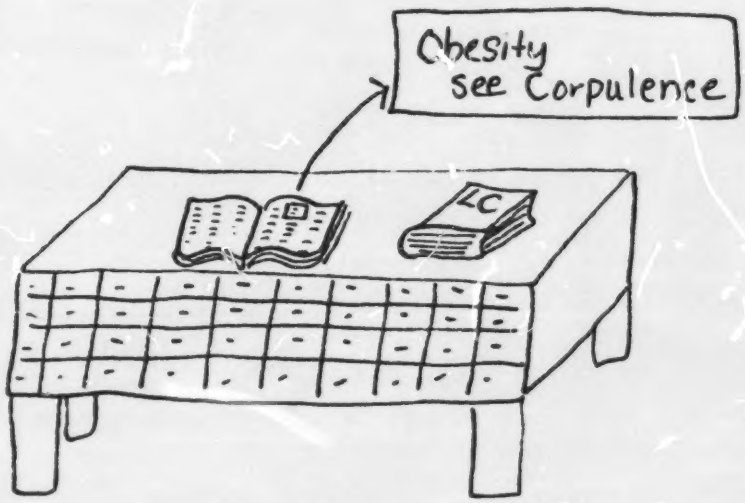
Introduction:

If you are training for a career in the health field, at some point you are probably going to want to do library research on a subject related to your interests. You may be assigned to write a report or paper, or you may want more information on the material you are having in class. If you have used the card catalog in a library before, you know that you don't always find books listed under the first subject you look for. This does not mean the library has no books on that subject! Books may be listed under a different subject heading and still cover the subject you want. How can you find out what subject to look under?

Most college libraries and many other libraries use the Library of Congress system in their card catalogs. The Library of Congress Subject Headings is a two volume set of books that lists all the subject headings a library that uses this system can use in its card catalog. It has cross references from one subject to another and it can be an invaluable reference tool for you. As you read through this unit you will learn to use this book and then you will be prepared to use the card catalog in the most efficient way.



Objectives:

The overall objective of this unit is that given a topic for research, the student will be able to make a list of subject headings from the Library of Congress Subject Headings that may be found in the library's card catalog.

Sub-objectives:

The student will be able to perform the following task:

1. Identify an example of each of the following by labeling the parts of a sample.

   Main subject heading
   Class number
   "See" Reference
   "See Also" Reference
   "x (see from)" reference
   "xx (see also from)" reference
   Sub-heading or subdivision

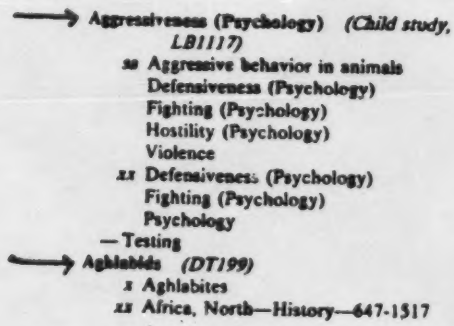
2. Follow a "see" reference.

3. Follow a "see also" reference.

Exercise #1

Input:

Main subject headings are ones that can be used in the card catalog if there are books in the library on the subject. To identify main subject headings in the Library of Congress Subject Headings, you should notice that they are in boldface type. The main subject headings in the following example have arrows drawn to them.



The letters and numbers immediately following the main subject heading represents class numbers. These tell the general area where books and materials on that subject might be found. For more example, look at a few pages in the book.

Practice Question #1:

Draw a circle around the main subject heading in this example.

Poliomyelitis (Direct) (RC180-181)
sa Coxsackie virus
Iron Lung
Spinal Cord - Inflamation
x Arterior spinal paralysis
Infantile paralysis

Under what class number might there be books on that subject?

EXERCISE #2

Input:

If the subject you look under is printed in lightface type and has "see" and another subject written below it, then the first word you looked under is NOT used in the card catalog. For information on that topic, you must go to the suggested new heading. Here is an example of a "see" reference.

Dental implantation
See Implant Dentures

This tells you to look under Implant Dentures to find information in the card catalog.

Look up the word Serotherapy in the Library of Congress Subject Headings. What kind of a reference do you find?_____
For information on the subject of serotherapy, under what subject heading would you look? _____. You'll find your answer on the bottom of page 5.

Feedback #1:

If you circled Poliomyelitis, which appeared in boldface type you are right. The class number is RC 180-181. If you answered correctly, go on. If not, read the input for this exercise again.

Now go to the main heading Serumtherapy. Did you find it? If so, you are doing well.

EXERCISE #3

Input:

Another type of reference from the Library of Congress system is the "see also" reference. Here is an example.

The letters sa means "see also"

This means information related to the topic you are researching will also be found under the other subject headings listed.

Nutrition *(QP141-185)*
xx Absorption (Physiology)
Antibiotics in nutrition
Artificial feeding
Deficiency diseases
Diet
Digestion
Feeding
Feeds
Food
Food habits
Food preferences
Lipids in nutrition
Malnutrition
Metabolism
Milk as food
Minerals in the body

Practice Question #3

Draw a vertical line along the "see also" references in this example.

Blood sugar
xx Glucose tolerance tests
Hypergiycemia
Hypoglycemia
xx Blood—Analysis and chemistry
Glucose
Sugar in the body
Blood tests
See Blood—Examination
Blood tumor
See Hematoma

(answer at bottom of next page)

Feedback #2:

This is a "see" reference. For the subject heading, Serumtherapy would be correct.

Go to the subject heading books and look up the first word from the "see also" reference above.

EXERCISE #4

Input:

Beneath a main subject heading you may find entries that look like this:

An x or "see from" reference indicates that a "see" reference has been made from this subject which is one that has not been used as a main heading.

An xx or "see also from" reference means there are related main headings which may appear in the card catalog, from which a "see also" reference has been made to the heading under which you are looking.

Hydrotherapy (RM801-822)
sa Baths
Baths, Moor and mud
Baths, Partial
Health Resorts, watering-places, etc.
Hot water--Therapeutic use
Mineral waters
Spondylotherapy
x Hydropathy
Kneipp cure
Water-cure
Water--Therapeutic use
xx Baths
Medicine--Practice
Physical Therapy

Practice Question #4:

Write "see from" or "see also from" next to the appropriate places in this example.

Influenza (Direct) (RC150)
as Asian flu
Equine influenza
Grippe
xx Cold (Disease)
Virus diseases
— Bacteriology (QR201.16)
— Complications and sequelae

Diabetes--Diagnosis
xx Blood sugar
Glucose tolerance tests

You should find an entry that looks like this. If it does, you have found the right place.

Blood sugar
as Glucose tolerance tests
Hyperglycemia
Hypoglycemia
xx Blood—Analysis and chemistry
Glucose
Sugar in the body
Blood tests
See Blood—Examination
Blood tumor
See Hematoma

If your line looks like this, you are right.

Feedback #3:

EXERCISE #5

Input:

There may be several subdivisions or sub-headings under a main subject heading. These sub-headings exist to limit or divide broad subjects into narrower areas.

Blind *(Direct) (Charities, HV1571-2349)*
xx Artists, Blind
Authors, Blind
Blind-deaf
Blind, Workers for the
Blindness in literature
Children, Blind
Church work with the blind
Missions to the blind
Musicians, Blind
Visually handicapped
xx Physically handicapped
Visually handicapped
— Asylums
See Blind—Institutional care
— Biography *(HV1623-4)*
— Education *(Direct)*

sub-headings ----

Sub-headings always appear in lightface type and have a dash in front of them.

Practice Question #5:

In the following example, draw a vertical line along the sub-headings.

Radium *(Chemistry, QD181.R1; Ores, TN948.R3; Physical properties, QC721; Technology, TP245.R2)*
xx Becquerel rays
Carnotite
Radioactivity
Radiography
Radiotherapy
Uraninite
xx Carnotite
Radiation
Radioactive substances
Radioactivity
Uraninite
— Analysis
— Decay

If you marked the example like this, you are correct.

Feedback #4:

PRACTICE FOR OVERALL OBJECTIVE

To find the subject headings to look under in the card catalog when you are doing research, you can use the Library of Congress Subject Headings, choosing main subject headings, sub-headings and headings listed under sa for "see also".

Overall Objective Question:

Assume that you are doing research on one of the topics listed below. Choose one of them and make a list of three subject headings under which you might look for information in the card catalog.

Pregnancy
dental Instruments
Heart Disease
the Eye
Sex Customs
Periodontia

Topic you chose:_____

Subjects you could look under in the card catalog:

1._____

2._____

3._____

Now look at your list. Does each entry consist of a main subject heading, sub-heading, or entry from the "see also" list? If so, you have done well. If not, choose another topic and try again.

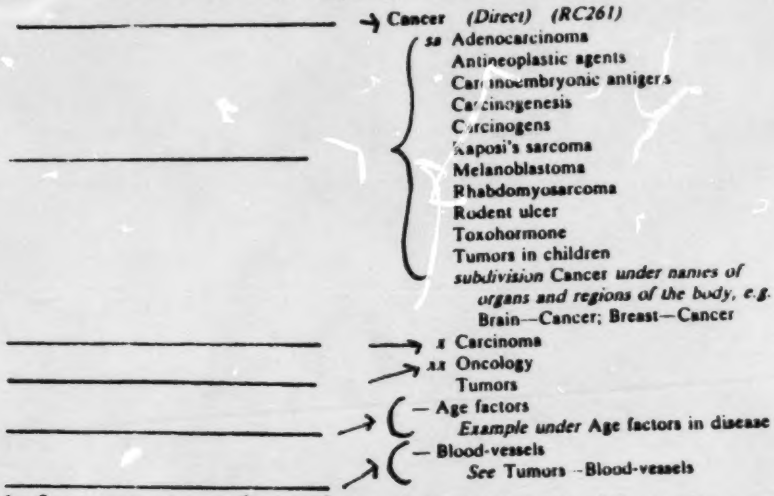
Feedback #5: If your line covered this area, you are coming along fine.

as Becquerel rays
Carnotite
Radioactivity
Radiography
Radiotherapy
Uranitite
xx Carnotite
Radiation
Radioactive substances
Radioactivity
Uraninite
Analysis — Decay

POST-TEST

1. In the following example, taken from Library of Congress Subject Headings, label the parts given. Here is a list of the appropriate labels.

   a. main subject heading
   b. sub-headings
   c. "see" reference
   d. "see also" reference
   e. "see from" reference
   f. see also from
   g. class number



2. You are beginning research for a paper and you have just come to this entry in the Library of Congress Subject Headings:

   Amnesia (RC394.A5)
   sa Aphasia

   a. Under what other subject can you find information?_____

   b. Look under that subject. Is there a sub-heading given?_____

      If so, what is it?_____

3. You look up Arthropathy in the Library of Congress Subject Headings and find this entry:

   Arthropathy
   See Joints--Diseases

   a. Under what subject do you look next?_____

   b. Go to that subject in the book. What is the class number?_____

4. Assume that you wish to find a number of books on one of the topics listed below. Using the Library of Congress Subject Headings make a list of five subject headings under which you can look in the card catalog for information.

Teeth	Dentistry
Hearing	Human Genetics
Veneral Diseases	Cancer
Lung Diseases	Respiratory Organs
Lung Diseases	Respiratory Organs
the Mouth	the Stomach

POST TEST (CONT'D)

Topic you chose: _____

Subject heading under which might look in the card catalog:

1._____

2._____

3._____

4._____

5._____

5. This package was Clear 1 2 3 4 5 Confusing.

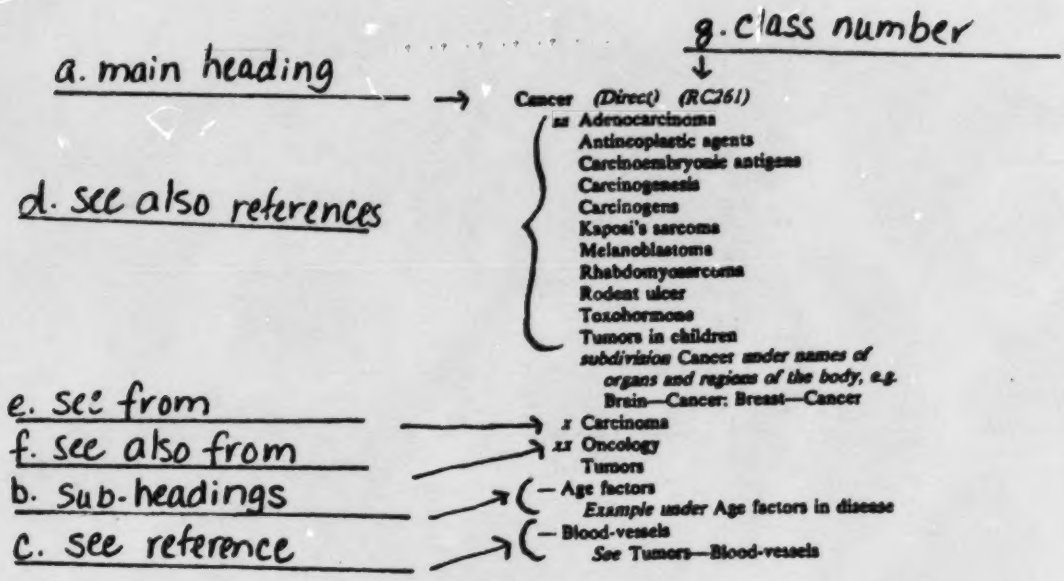
This package was Useful 1 2 3 4 5 Useless.

6. This package could be improved by _____

_____.

ANSWERS TO POST TEST

1. The example should look like this.



2. a. Aphasia

   b. Yes

   c. personal narratives

3. a. Joints - Diseases

   b. RD 686

4. Lists may vary but there should be five subject headings listed.

ANSWER SHEET FOR PRACTICE QUESTIONS

Practice Question #1

Draw a circle around the main subject heading in this example:

Poliomyelitis (*Direct*) (*RC180-181*)
δa Coxsackie virus
Iron lung
Spinal cord-Inflammation
x Anterior spinal paralysis
Infantile Paralysis

Under what class number might there be books on that subject? _____

Practice Question #2

Reference _____

Subject Heading _____

Practice Question #3

Draw a vertical line along the "see also" references in this example:

Blood Sugar
δa Glucose tolerance tests
Hyperglycemia
Hypoglycemia
xx Blood - Analysis and chemistry
Glucose
Sugar in the body
Blood tests
See Blood - Examination
Blood tumor
See Hematoma

Practice Question #4

Write "see from" or "see also from" next to the appropriate places in this example.

Influenza (*Direct*) (*RC150*)
δa Asian flu
Equine influenza
_____ → x Grippe
_____ → xx Cold (Disease)
Virus diseases
—Bacteriology (*QR201.16*)
—Complications and sequelae

ANSWER SHEET FOR PRACTICE QUESTIONS
(CONT.)

Practice Question #5

In the following example, draw a vertical line along the sub-headings.

Radium (*Chemistry, QD181.R1; Ores, TN948.R3; Physical properties, QC721; Technology, TP245.R2*)
δα Becquerel rays
Carnotite
Radioactivity
Radiography
Radiotherapy
Uraninite
xx Carnotite
Radiation
Radioactive substances
Uraninite
—Analysis
—Decay

Overall Objective Question:

Assume that you are doing research on one of the topics below. Choose one of them and make a list of three subject headings under which you might look for information in the card catalog:

Pregnancy
Dental Instruments
Heart Disease
The Eye
Sex Customs
Periodontia

Topic you chose: _____

Subjects you could look under in the card catalog:

1. _____
2. _____
3. _____

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